WHAT IS CLAIMED IS:

1. An ink jet printer comprising:

a printing-head which discharges photo-curing ink toward a printing sheet; and

light irradiation means for irradiating an ink landing surface of the printing sheet with light,

wherein said light irradiation means irradiates the ink landing surface by optical scanning via reflecting means with rays having a wavelength range in which ink is cured.

2. A printer according to claim 1, wherein the reflecting means comprises a polygon reflecting mirror.

3. A printer according to claim 1, wherein the reflecting means comprises a swingable reflecting mirror.

4. A printer according to any one of claims 1 to 3, further comprising detection means for detecting a light quantity, and light quantity control means for controlling an irradiation energy amount on the basis of the detected light quantity.

5. An image printing apparatus of an ink jet printing system, comprising:

a rotary drum on which a printing sheet is wound;

an ink jet printer which discharges photo-curing ink in order to print an image on the printing sheet wound around said rotary drum; and

an irradiation optical path on which an image printing surface of the printing sheet is irradiated with

rays having a wavelength at which the photo-curing ink is cured.

6. An apparatus according to claim 5, wherein

said ink jet printer comprises

a printing-head which discharges photo-curing ink toward the printing sheet, and

light irradiation means for irradiating an ink landing surface of the printing sheet with light, and

the light irradiation means irradiates the ink landing surface by optical scanning via reflecting means with rays having a wavelength range in which ink is cured.

7. An apparatus according to claim 6, wherein the reflecting means comprises a polygon reflecting mirror.

8. An apparatus according to claim 6, wherein the reflecting means comprises a swingable reflecting mirror.

9. An apparatus according to any one of claims 6 to 8, further comprising detection means for detecting a light quantity, and light quantity control means for controlling an irradiation energy amount on the basis of the detected light quantity.

10. An image printing apparatus of an ink jet printing system, comprising:

two rotary drums on which printing sheets can be wound;

two ink jet printers which discharge photo-curing ink in order to print images on the printing sheets respectively wound around said two rotary drums; and

two irradiation optical paths on which image printing surfaces of the printing sheets are irradiated with rays having a wavelength at which the photo-curing ink is cured,

wherein rays on one irradiation optical path irradiate the image printing surface of the printing sheet wound around one rotary drum, and rays on said other irradiation optical path irradiate the image printing surface of the printing sheet wound around said other rotary drum.

11. An apparatus according to claim 10, wherein two rays from two predetermined light sources irradiate a polygon reflecting mirror which rotates, and the two rays reflected by the polygon reflecting mirror irradiate the image printing surfaces of the printing sheets via the two irradiation optical paths.

12. An apparatus according to claim 10, wherein two rays from two predetermined light sources irradiate a swingable reflecting mirror which rotates, and the two rays reflected by the reflecting mirror irradiate the image printing surfaces of the printing sheets via the two irradiation optical paths.

13. An apparatus according to any one of claims 10 to 12, wherein the printing sheet is wound around said one rotary drum with one surface facing outward, and then wound around said other rotary drum with the other surface facing outward.